

From: David Polish/R3/USEPA/US
Sent: 12/26/2011 9:09:14 PM

To: KarenD Johnson/R3/USEPA/US@EPA; Robert Helverson/R3/USEPA/US@EPA; Dennis Carney/R3/USEPA/US@EPA; Richard Fetzer/R3/USEPA/US@EPA

CC:
Subject: Fw: Dimock Sampling Data

I spoke with [Ex. 6 - Personal Privacy] on Friday evening. This is one of the residents we did not contact on our initial visit. The [Ex. 6 - Personal Privacy] have a home in Florida and they are trying to sell this house in Dimock. It is interesting that [Ex. 6 - Personal Privacy] said that every time that their well was tested by Cabot's contractor, the contractor was instructed to replace all the filters on their system before testing. She also stated that some of her results had ethylene glycol in them. Another piece of data for our review.

Very respectfully,

David Polish

"I've noticed that even people who claim everything is predestined, and that we can do nothing to change it, look before they cross the road." Steven Hawking
----- Forwarded by David Polish/R3/USEPA/US on 12/26/2011 09:00 PM -----

From: [Ex. 6 - Personal Privacy]
To: David Polish/R3/USEPA/US@EPA
Date: 12/23/2011 11:40 PM
Subject: Dimock Sampling Data

Dear Mr. David Polish,

Thank you very much for taking my phone call today and speaking to us. We appreciate the opportunity of speaking to you.

Just to reiterate our conversation. We are one of the 19 Dimock families [Ex. 6 - Personal Privacy] We seasonally reside in Dimock and are currently located in Florida for the winter. We would like to share with you are sampling data which ranges from Nov 2008 - October 18th, 2011. There were no pre-drill tests. We are not in litigation and have accepted a water treatment system which has been installed yet Cabot is unwilling to re-connect it since the 6/10/11 sample results which are notrocious at best. Then Cabot identified Iron Bacteria in our well on the 6/24/11 sampling date and that's when they said it was our responsibility and have denied to re connect the treatment system after a thorough disinfect, purge, repeat, with a 9000 cf/u for Iron Bacteria. Our well is the newest well in the area, 4 yrs old. 205 ft deep, 27ft stagnant level, 140ft casing, sanitary well cap and currently vented. The well is close to the road, properly cased as it does not have surface road salts.

Since we have dealt with so much (being present for all water sampling, teaching ourselves how to understand and learn about water and Cabot's operations or lack thereof, fighting with Cabot for necessities, and finally getting a system installed that isn't even connected) we no longer wish to continue to reside in what was our getaway home in the country. And what more of an eye opener to return to Tampa, FL where we have a water well and make coffee from our well water here when we would never feel comfortable doing that again in rural Pennsylvania like we had before. We have decide to sell the home we built in Dimock. There is a young couple and small child who is interested. However, we ask if your department can review our data and suggest or advise us on any recommendations to the potential new owners. Besides telling them that we have a heavy metal issue (Iron, Al, Mg, caused by Iron Bacteria) which can be controlled by Chlorination disinfection with a normal usage of the well running (as opposed to a stagnant well), and also letting them know we ourselves do not drink the well water; are there any other suggestions or thoughts we have not stated here. Attached are many data samplings. Kindly pay extra attention to the 6/10/11 sampling where Iron was 78 times higher than the MCL and Aluminum was 44 times higher than the MCL besides Arsenic & Lead reaching/surpassing the MCL. Also, on 5/17/11 sampling date, Ethylene Glycol was identified at 14.2 mg/l. Cabot held those results back until they posted those results on our data sheet and then by demand sent us the laboratory's letter saying it was a lab error. Although no hard evidence of our sample being the lab error in question. You will also see that that E. Glycol hit was with the treatment system and the BEFORE (raw) sample was Non Detect. Don't let that confuse you, as normal procedure for sampling by Cabot's lab is very skewed, impractical, and outside of any logical sampling procedure. You can further see this in other analytes where the Before was Non Detect and the Treatment sample was elevated. In fact, it was on the

6/10/11 sampling date that I insisted Cabot's lab to purge and test in an appropriate manner. That was and is the last day the system was running as Cabot shut it down and called it "system failure"; but later said it was our problem due to Iron Bacteria.

As I mentioned to you on the phone a theory about the drilling equipment not being disinfected from site to site and the possibility of bacteria (Iron Bacteria) being introduced into the aquifer where it feeds on drill cuttings and pollutes the aquifer with IRB..(note: theory is from local water analysis gentleman). Keep in mind, when the entire Cabot -Dimock issue was first presented to the public around November 2009, that was coincidentally around the time Cabot sold their pipeline to Williams, Inc. Bacteria in pipeline corrodes and causes huge problems and it seems that if Cabot had any knowledge of an Iron Bacteria issue in their gas wells they would want to get rid of the liability. Just a thought.

We appreciate your review of the attached data. If there is anything we can assist with or you would like to contact us, don't hesitate to do so.

Regards,

Ex. 6 - Personal Privacy

Please NOTE: The 6/24/11 Test America data detects a substantial amount of chlorination.

Apparently, Cabot (their representative(s)) had Chlorinated our well water without any notice, no approval, and unwilling to admit where the Bromomethane & Chloropropane (sp) came from. The 6/24/11 was taken in hundred gallon purge increments. This type of testing was facilitated due to the 6/10/11 results of TEA-colored water, sediment, sand, none of

which the system could handle.